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| FORM PTO-1390 (REV. 2-2005) | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | ATTORNEY'S DOCKET NUMBER | |
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 | | | | 998062 PA2 US | |
| | | | | U.S. APPLICATION NO. (If known, see 37 CFR 1.5) | |
| 10/530944 | | | | | |
| INTERNATIONAL APPLICATION NO. PCT/US2003/031926 | | INTERNATIONAL FILING DATE October 8, 2003 | | PRIORITY DATE CLAIMED Oct 8, 2002 | |
| TITLE OF INVENTION Embedded Software Update Methods | | | | | |
| APPLICANT(S) FOR DO/EO/US REN, YUQING | | | | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | | | | |
| <ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> has been transmitted by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> a. <input type="checkbox"/> is transmitted herewith. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4) 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)). <ol style="list-style-type: none"> a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> have been transmitted by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). | | | | | |
| Items 11. to 20. below concern document(s) or information included: | | | | | |
| <ol style="list-style-type: none"> 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98, Form PTO-1449(s), and International Search Report (PCT/ISA/210) with 0 cited document(s) attached. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A FIRST preliminary amendment. 14. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. 15. <input type="checkbox"/> A substitute specification. 16. <input checked="" type="checkbox"/> A change of power of attorney and/or address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825. 18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information: Notification of Receipt of Demand by Competent IPEA (Form PCT/IPEA/402) Certificate of Mailing | | | | | |

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| US Application No, if known. 10/530944 | | INTERNATIONAL APPLICATION NO PCT/US2003/031926 | | ATTORNEY'S DOCKET NUMBER 998062 PA2 US | |
| <input checked="" type="checkbox"/> The following fees are submitted: | | | | CALCULATIONS PTO USE ONLY | |
| 21. | BASIC NATIONAL FEE | \$300.00 | | | |
| 22. | EXAMINATION FEE If international preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Articles 33 (1)-(4) | \$100.00 | | | |
| | All other situations | \$200.00 | | | |
| 23. | SEARCH FEE Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Search Authority | \$100.00 | | | |
| | Int'l Search Report prepared and provided to the Office | \$400.00 | | | |
| | All other situations | \$500.00 | | | |
| Total of 21, 22 and 23 = | | \$ 500 | \$ | 500.00 | |
| Additional Fee for specification and drawings filed in paper over 100 sheets. (excluding sequence listing or computer program listing in an electronic medium) The fee is \$250 for each additional 50 sheets of paper or fraction thereof.) | | | \$ | 0.00 | |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)). | | | \$ | 0.00 | |
| CLAIMS | | NUMBER FILED | NUMBER EXTRA | RATE | |
| Total Claims | | 15 - 20 = | 0 | X \$50.00 | \$ |
| Independent Claims | | 4 - 3 = | 1 | X \$200.00 | \$ 200.00 |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) | | | 0 | + \$360.00 | \$ 0.00 |
| TOTAL OF ABOVE CALCULATIONS = | | | | \$ | 700.00 |
| <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 C.F.R. § 1.27. The fees indicated above are reduced by 1/2. | | | | \$ | 350.00 |
| SUBTOTAL = | | | | \$ | 350.00 |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 C.F.R. § 1.492(f)). | | | | \$ | 0.00 |
| TOTAL NATIONAL FEE = | | | | \$ | 350.00 |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property | | | | \$ | 0.00 |
| TOTAL FEES ENCLOSED = | | | | \$ | 350.00 |
| | | | | Amount to be: | |
| | | | | refunded | \$ |
| | | | | charged | \$ |

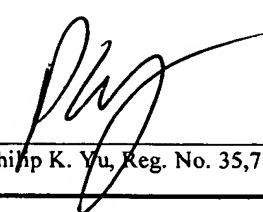
- a. ☒ A check in the amount of \$350.00 to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account. No. _____ in the amount of \$0.00 to cover the above fees. A duplicate copy of this sheet is enclosed.

Send all correspondence to: **CUSTOMER NO. 30781**

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Date: 4-8-2005

By


Philip K. Yu, Reg. No. 35,742

10/530944

PTO 08 APR 2005

CERTIFICATE OF MAILING - EXPRESS MAIL
37 CFR §1.10

Express Mail Mailing Label Number – ED514754089 US

Date of Deposit: April 8, 2005

Docket No.: 998062 PA2

Title: **Embedded software update methods**

Inventor: REN, Yuqing

PTO Form 1390 Transmittal Letter – 2 sheets

International Application as published

Preliminary Amendment *6 Pgs*

International Search Report (Form PCT/ISA/210)

Notification of Receipt of Demand (Form PCT/IPEA/402)

IDS form 1449 – 1 sheet

Declaration

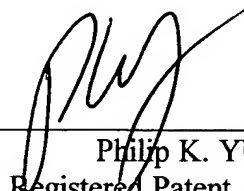
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I hereby certify that this paper is being deposited with the United States Postal Service “Express Mail Post Office to Addressee” service under 37 CFR 1.10 on the date indicated above and is addressed to the,

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MS Patent Application
P.O. BOX 1450
Alexandria, VA 22313-1450**



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